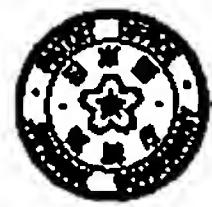


(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **2003144144 A**

(43) Date of publication of application: **20.05.03**

(51) Int. Cl

C12N 9/88

(21) Application number: **2001344528**

(22) Date of filing: **09.11.01**

(71) Applicant: **MITSUI CHEMICALS INC**

(72) Inventor: **SASAKI SAKAKI
SAKAMOTO AKIHIRO
ABE TAKEYA
ARII TERUO**

**(54) METHOD FOR PRESERVING LIQUID
CONTAINING MICROBIAL CELL OR TREATED
PRODUCT THEREOF**

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a method for preserving a liquid containing microbial cells or a treated product thereof to be subjected to heat sterilization, particularly an inexpensive method

enabling retaining enzyme activity after the heat sterilization.

SOLUTION: This method for preserving the liquid containing microbial cells or a treated product thereof to be subjected to heat sterilization involves aerating and agitating the liquid while adjusting the liquid to pH 6-8.

COPYRIGHT: (C)2003,JPO